Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A method for executing a notification process within a healthcare system comprising the steps of:

generating a signal at ~~a medical treatment device~~ an infusion pump that a notification condition related to an administration of a medication to a patient by the infusion pump exists for a the specific patient;

transmitting the signal relating to the notification condition to a first clinician's device;

indicating the notification condition on the clinician's device;

operating a timer to determine if a response to the notification condition is received during a predefined timer limit; ~~and~~

if the response to the notification condition is not received prior to the predefined timer limit, transmitting the signal relating to the notification condition to a second clinician's device; and

if the response to notification is received prior to the predefined timer limit, not transmitting the signal relating to the notification condition to the second clinician's device.

Claim 2 (cancelled).

Claim 3 (original): The method of claim 1, further comprising the step of transmitting the signal relating to the notification condition to a charge clinician.

Claim 4 (previously presented): The method of claim 1, wherein the step of transmitting the signal to the second clinician's device is executed when the timer elapses.

Claim 5 (original): The method of claim 1, wherein the step of transmitting the signal relating to the notification condition to the first clinician's device comprises transmitting a wireless notification condition signal to the first clinician's device.

Claim 6 (original): The method of claim 1, wherein the step of transmitting the signal relating to the notification condition to the second clinician's device comprises transmitting a wireless notification condition signal to the second clinician's device.

Claim 7 (original): The method of claim 1, wherein there is a many-to-many relationship between first clinicians and patients.

Claim 8 (original): The method of claim 1, wherein there is a many-to-many relationship between first clinicians and charge clinicians.

Claim 9 (original): The method of claim 1, wherein the step of transmitting the signal comprises sending the signal to one of a PDA, a mobile phone, a pager, an e-mail address, an instant messaging receiver or a conventional telephone.

Claim 10 (original): The method of claim 1, wherein the step of transmitting the signal to the first clinician's device comprises sending the signal simultaneously to at least two of a mobile phone, a pager, an e-mail address, an instant messaging receiver or a conventional telephone.

Claim 11 (currently amended): A system for providing messages to remote clinician devices in a healthcare system comprising:

a first central computer attached to a network;

a remote device associated with the clinician and operably attached to the network, the remote device comprising a visual display;

a request generated by the remote device and received by the first central computer;

a response message generated by the first central computer and sent to the remote device through the network, ~~and~~ the response message including information contained within a data packet generated by ~~a medical treatment device~~ an infusion pump, wherein the information contained within the data packet includes at least one of status information related to an administration of a medication to a patient by the infusion pump and programming information for the infusion pump; and,

wherein the response message generated by the first central computer is provided in a humanly readable format on the visual display of the remote device.

Claim 12 (original): The system of claim 11, further comprising: a second computer attached, via a communication link, to the first central computer at least partially located within a health care facility, wherein the request generated by the remote device is received by the first central computer and the second central computer, wherein a response message is generated by the second central computer in response to the request generated by the remote device, and wherein the response message generated by the first central computer comprises the response message provided by the second central computer and additional data added by the first central computer.

Claim 13 (currently amended): The system of claim 12, wherein said remote device further ~~comprising~~ includes a browser responsive to the response message generated by the first central computer.

Claim 14 (currently amended): The system of claim 12, wherein the remote device receives a second response message generated by the second central computer in response to a second request generated by the ~~terminal~~ remote device, wherein the second response message and the second request are routed through the first central computer.

Claim 15 (currently amended): A system for providing messages to remote clinician devices in a healthcare system, comprising:

a request message generated ~~substantially within a time interval~~ by a program within a software application executed by a clinician device attached to a network, and

a response message generated by a first computer attached to the network and sent to the clinician device through the network in response to the request message and including information contained within a data packet generated by ~~a medical treatment device~~ an infusion pump, wherein the information contained within the data packet includes at least one of status information related to an administration of a medication to a patient by the infusion pump and programming information for the ~~medical treatment device~~ infusion pump.

Claim 16 (currently amended): The system of claim 15, wherein the information is modified in response to a change in the information contained within another data packet generated by the ~~medical device~~ infusion pump.

Claim 17 (original): The system of claim 16, wherein the program is written in JAVA.

Claim 18 (original): The system of claim 16, wherein the program is written in C#.

Claim 19 (original): The system of claim 16, wherein the program is written in Visual Basic Script.

Claim 20 (original): The system of claim 15, wherein the software application is a Web browser.

Claims 21 to 23 (cancelled).

Claim 24 (currently amended): The method of claim 1, wherein the notification includes at least one of status information and programming information for the ~~medical treatment application device~~ infusion pump.

Claim 25 (currently amended): The method of claim 1, further comprising the steps of (i) determining whether one of the ~~medical treatment application device~~ infusion pump and the first clinician's device provides a response to the notification condition prior to a predefined timer limit, and (ii) executing an escalated notification process if the response is not received prior to the predefined timer limit.

Claim 26 (currently amended): The system of claim 1, further comprising software installed on the first clinician's device having a time-out output, wherein the time-out output indicates a loss of a wireless communication link between the first clinician's device and the ~~medical treatment application device~~ infusion pump.

Claim 27 (cancelled).

Claim 28 (previously presented): The system of claim 11, wherein the response message includes a display icon configured to access a list of a plurality of notification conditions corresponding to a specific patient from the first central computer.

Claim 29 (cancelled).

Claim 30 (currently amended): The system of claim 15, wherein the software application is configured to provide access to a list of a plurality of active ~~medical device~~ infusion pump alerts associated with a specific patient.

Claim 31 (new): The system of claim 11, wherein the first computer is a central hospital computer.

Claim 32 (new): The system of claim 12, wherein the second computer is a pharmacy computer.